



2003 IMC

**MECHANICAL CODE
AMENDMENTS**

Ordinance No. 3506

Adopted June 17, 2003

Effective September 16, 2003

**PLANNING & DEVELOPMENT
SERVICES DEPARTMENT**

ORDINANCE NO. 3506

AN ORDINANCE OF THE COUNCIL OF THE CITY OF SCOTTSDALE, MARICOPA COUNTY, ARIZONA, AMENDING CHAPTER 31, ARTICLE VI OF THE SCOTTSDALE REVISED CODE, RELATING TO THE MECHANICAL CODE, ADOPTING THE 2003 EDITION OF THE INTERNATIONAL MECHANICAL CODE, INCLUDING APPENDICES, AND ADOPTING REVISIONS THERETO.

BE IT ORDAINED by the Mayor and Council of the City of Scottsdale, Arizona, as follows:

Section 1. That certain document entitled "The International Mechanical, 2003 Edition," as published by the International Code Council, Inc., three copies of which are on file in the office of the City Clerk, which document was made a public record by Resolution No. 6309 of the City of Scottsdale, Arizona, is hereby referred to, adopted, and made part hereof as if fully set out in this ordinance.

Section 2. Section 31-151 of the Scottsdale Revised Code is hereby repealed and replaced by a new Section 31-151, which shall read as follows:

Sec. 31-151. Adoption.

The International Mechanical Code, 2003 Edition, as published by the International Code Council, Inc., is adopted by reference and shall be the mechanical code of the City of Scottsdale. Three (3) copies of same shall at all times remain in the office of the city clerk and be open to inspection.

Section 3. Section 31-152 of the Scottsdale Revised Code is hereby repealed and replaced by a new Section 31-152, which shall read as follows:

Sec. 31-152. Amendments. The 2003 edition of the International Mechanical Code adopted by section 31-151 is amended in the following respects:

Where reference is made to the "International Fuel Gas Code," substitute "Scottsdale Revised Code, Chapter 31, Article VII".

Where reference is made to the "International Plumbing Code," substitute "Scottsdale Revised Code, Chapter 31, Article VII".

Delete Chapter 1, Administration, and substitute the following:

The administrative provisions of Chapter one of the International Building Code, 2003 Edition, as adopted per Scottsdale Revised Code Sec. 31-31 and amended by Scottsdale Revised Code Sec. 31-32 shall also apply to the Mechanical Code of the City of Scottsdale.

Section 106.5.2, Fee Schedule, is amended to read:

106.5.2 Fee Schedule. See Scottsdale Revised Code, Chapter 46, Article VII, for fee schedule.

Section 106.5.3, Fee Refunds, is amended to read:

106.5.3 Fee refunds. See Scottsdale Revised Code, Chapter 46, Article VII, for fee schedule.

Section 201.4 Revise as follows:

201.4 Terms not defined. Where terms are not defined through the methods authorized by this chapter, such terms shall have ordinarily accepted meanings such as the context implies. Webster's Third New International Dictionary of the English Language, Unabridged, shall be considered as providing ordinarily accepted meanings.

Chapter 2, DEFINITIONS, Section 202 - S, SMOKE DETECTOR is added to read:

SMOKE DETECTOR is an approved listed and labeled device that senses visible or invisible particles of combustion."

Section 303.3 Add item 6 to read as follows:

6. Gas fired appliances with natural draft venting shall not be installed in any room operating under negative pressure unless the appliances are listed for that use.

Section 304.3 Add an exception to read as follows:

Exception: Clothes dryers installed in private garages.

Section 401.5.1 Intake openings. Add a sentence to read as follows:

All outside air intake openings shall be located on secure roofs or other secure locations as approved by the code official.

Section 506.3.10 Revise exceptions to read as follows:

Exceptions:

~~4.~~ The shaft enclosure provisions of this section shall not be required where a duct is concealed within the interstitial space of a single story building and does not penetrate fire-rated separations ~~penetration is protected with a through penetration firestop system classified in accordance with ASTM E 814 and having an "F" and "T" rating equal to the fire resistance rating of the assembly being~~ ~~penetrated~~ and where the surface of the duct is continuously covered on all sides from the point at which the duct penetrates a ceiling, wall or floor to the outlet terminal with a classified and labeled material, system, method of construction or product specifically evaluated for such purpose, in accordance with a nationally recognized standard for such enclosure materials. Exposed duct wrap systems shall be protected where subject to physical damage.

Delete exception 2.

Section 603.17, Registers, grilles and diffusers, add a sentence to read:

Registers, grilles and diffusers shall be mechanically fastened to rigid supports or structural members on at least two opposite sides in addition to being connected to the ductwork they serve.

Section 606.2, Smoke Detection Systems Control, Where required. Add a second exception to read:

Exception : Evaporative Coolers which supply 100% outside air.

Section 702.3.1, is revised to read:

702.3.1 Number and location of openings. Two openings shall be provided, the top edge of one within 1 foot (304 mm) of the ceiling of the room and the bottom edge of one within 1 foot (304 mm) of the floor.

Section 703.1.1, is revised to read:

703.1.1 Number and location of openings. Two openings shall be provided, the top edge of one within 1 foot (304 mm) of the ceiling of the room and the bottom edge of one within 1 foot (304 mm) of the floor.

Section 704.1.1, is revised to read:

704.1.1 Number and location of openings. Two openings shall be provided, the top edge of one within 1 foot (304 mm) of the ceiling of the room and the bottom edge of one within 1 foot (304 mm) of the floor.

Section 908.8, is added to read:

908.8 Evaporative coolers. No new or replacement evaporative cooling equipment shall be installed without a recirculating water pump system. It shall be unlawful to disconnect or bypass any evaporative cooling system recirculating water pump. A maximum of 1.5 gallons per hour per 1,000 cfm of bleed off water may be discharged to prevent the buildup of sediment.

Section 4. Any person found guilty of violating this Ordinance shall, in addition to any other applicable penalty, is subject to the following:

105.6 Suspension or revocation. The building official is authorized to suspend or revoke a permit issued under the provisions of this code wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code.

110.4 Revocation. The building official is authorized to, in writing, suspend or revoke a certificate of occupancy or completion issued under the provisions of this code wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.

113.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law.

117.7 Revocation of Registration. The building official may suspend or revoke a registration when the registrant fails to comply with any of the registration responsibilities or for violation of any provision of this code. When the building official deems that the registration shall be suspended or revoked, The

registrant will be notified in writing by certified mail at least seven days prior to suspension or revocation. The registrant may appeal to the Building Advisory Board of Appeals within 30 days after notice of suspension or revocation.

Section 5. If any section, subsection, sentence, clause, phrase or portion of this ordinance or any part of these amendments to the Mechanical Code adopted herein by reference is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdictions, such decision shall not affect the validity of the remaining portions thereof. If there is any conflict or inconsistency between the provisions of this ordinance, the more restrictive provisions apply.

Section 6. The effective date of this ordinance shall be September 15, 2003.

PASSED AND ADOPTED BY THE Council of the City of Scottsdale, Maricopa County, Arizona
this ____ day of June, 2003.

ATTEST:

CITY OF SCOTTSDALE
A municipal corporation

Sonia Robertson
City Clerk

Mary Manross
Mayor

APPROVED AS TO FORM:

David A. Pennartz
City Attorney